

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (optional) 41890-01685		Application Number 10/774,791	
		Applicant(s) Hampden-Smith et al.			
		Filing Date 02/09/2004		Group art Unit 1742	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	3,510,292	5/5/1970	Hardy et al.			
	2.	3,620,713	11/16/1971	Short			
	3.	3,620,714	11/16/1971	Short			
	4.	3,711,274	1/16/1973	Montino et al.			
	5.	3,717,481	2/20/1973	Short			
	6.	3,725,035	4/3/1973	Short et al.			
	7.	3,748,118	7/24/1973	Montino et al.			
	8.	3,768,994	10/30/1973	Daiga			
	9.	3,785,801	1/1/1974	Benjamin			
	10.	3,816,097	6/11/1974	Daiga			
Gw	11.	3,830,435	8/20/1974	Hill			

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
Gw	139.	62-2404	01/08/87	Japan			X	
	140.	63-31522	06/24/88	Japan			X	
	141.	0 776 717	06/04/97	EP			X	
	142.	0 593 167	04/20/94	EP				
Gw	143.	6-172802	6/21/94	Japan			X	

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
Gw	148.	U.S. Patent Application No. 10/904,237 by Kodas et al.; filed 10/29/2004; entitled "Coated Copper-Containing Powders, Methods and Apparatus for Producing Such Powders and Copper-Containing Devices Fabricated From Same" (Attorney Docket 41890-01721).
Gw	149.	U.S. Patent Application No. 10/904,254 by Kodas et al.; filed on November 1, 2004; entitled "Coated Nickel-Containing Powders, Methods and Apparatus for Producing Such Powders and Devices Fabricated From Same" (Attorney Docket 41890-01720).

EXAMINER <i>Guy Clapton</i>	DATE CONSIDERED 9/28/05
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Qu	12.	3,846,345	11/5/1974	Mason et al.			
	13.	3,850,612	11/26/1974	Montino et al.			
	14.	3,865,744	2/11/1975	Parker et al.			
	15.	3,881,914	5/6/1975	Heidelberg			
	16.	3,882,050	5/6/1975	Niebylski			
	17.	3,885,955	5/27/1975	Lutz et al.			
	18.	3,902,102	8/26/1975	Burn			
	19.	3,966,463	6/29/1976	Fraioli et al.			
	20.	3,988,651	10/26/1976	Hertz			
	21.	4,020,206	4/26/1977	Beil			
Qu	22.	4,023,961	5/17/1977	Douglas et al.			

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
Qu	144.	8-170112	07/02/96	Japan			X	
I	145.	0 537 502	04/21/93	EP				X
	146.	0 540 054	05/05/93	EP			X	
Qu	147.	59-103301	06/14/84	Japan				X

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
Qu	150. U.S. Patent Application Serial No. 10/904,257 by Kodas et al.; filed on November 1, 2004; entitled "Aerosol Method and Apparatus, Coated Particulate Products, and Electronic Devices Made Therefrom (Attorney Docket 41890-01717).
Qu	151. U.S. Patent Application Serial No. 09/991,270 by Kodas et al.; filed on November 9, 2001; entitled "Nickel Powders, Methods for Producing Powders and Devices Fabricated From Same" (Attorney Docket 41890-00960).

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Gu	23.	4,036,634	7/19/1977	Fraioli et al.				
	24.	4,044,193	8/1/1977	Petrow et al.				
	25.	4,072,771	2/1/1978	Grier, Sr., John D.				
	26.	4,089,676	5/16/1978	Grundy				
	27.	4,096,316	6/20/1978	Tamai et al.				
	28.	4,115,493	9/19/1978	Sakabe et al.				
	29.	4,122,232	10/24/1978	Kuo				
	30.	4,130,671	12/19/1978	Nagesh et al.				
	31.	4,136,059	1/1/1979	Jalan et al.				
	32.	4,140,817	2/20/1979	Brown				
	Gu	33.	4,146,957	4/1/1979	Toenshoff			

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OTHER DOCUMENTS		<i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
Gu	152.	U.S. Patent Application Serial No. 10/653,722 by Hampden-Smith et al.; filed on September 2, 2003; entitled "Aerosol Method and Apparatus, Particulate Products, And Electronic Devices Made Therefrom" (Attorney Docket 41890-01662).
Gu	153.	Ahmadi et al., "Shape-Controlled Synthesis of Colloidal Platinum Nanoparticles", SCIENCE, Vol. 272, pp. 1924-1925, June 28, 1996.

EXAMINER <i>Gregory Cleymans</i>	DATE CONSIDERED <i>9/28/05</i>
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	34.	4,223,369	9/16/1980	Burn			
	35.	4,252,558	2/1/1981	Touboul et al.			
	36.	4,274,877	6/23/1981	Collier et al.			
	37.	4,326,889	4/27/1982	Sperner			
	38.	4,383,852	5/17/1983	Yoshizwa			
	39.	4,396,420	8/2/1983	Schmidberger et al.			
	40.	4,396,899	8/2/1983	Ohno			
	41.	4,409,135	10/11/1983	Akimune et al.			
	42.	4,410,457	10/18/1983	Fujimura et al.			
	43.	4,450,188	5/22/1984	Kawasumi			
	44.	4,464,420	8/7/1984	Taguchi et al.			

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<i>GW</i>	45.	4,477,296	10/16/1984	Nair			
	46.	4,517,018	5/14/1985	Tadashi et al.			
	47.	4,539,041	9/3/1985	Figlarz et al.			
	48.	4,578,114	3/25/1986	Rangaswamy et al.			
	49.	4,600,604	7/15/1986	Siuta			
	50.	4,612,048	9/16/1986	German et al.			
	51.	4,613,371	9/23/1986	Cheney et al.			
	52.	4,645,532	2/24/1987	Mackiw et al.			
	53.	4,670,047	6/1/1987	Kopatz et al.			
	54.	4,687,511	8/18/1987	Paliwal et al.			
<i>GW</i>	55.	4,689,075	8/25/87	Uda et al.			

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Gu	56.	4,721,524	01/26/88	Sheldon et al.			
	57.	4,728,359	03/01/88	Huther et al.			
	58.	4,731,110	03/15/88	Kopatz et al.			
	59.	4,778,517	10/18/1988	Kopatz et al.			
	60.	4,781,980	11/01/88	Yoshitake et al.			
	61.	4,802,933	02/07/89	Rabinkin			
	62.	4,804,167	2/14/1989	Kock et al.			
	63.	4,810,285	3/1/1989	Otsuka et al.			
	64.	4,832,912	5/23/1989	Yabuki et al.			
	65.	4,857,233	8/15/1989	Teichmann et al.			
Gu	66.	4,863,510	9/5/1989	Tamemasa et al.			

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Gw	67.	4,897,110	1/30/1990	Kock et al.			
	68.	4,913,731	4/1/1990	Kopatz et al.			
	69.	4,915,733	4/10/1990	Schutz et al.			
	70.	4,948,739	8/14/1990	Charmot			
	71.	4,954,926	9/4/1990	Pepin et al.			
	72.	5,039,552	8/13/1991	Reimer			
	73.	5,063,021	11/5/1991	Anand et al.			
	74.	5,073,409	12/17/1991	Anderson et al.			
	75.	5,102,452	4/7/1992	Taskinen et al.			
	76.	5,122,182	6/16/1992	Dorfman et al.			
Gw	77.	5,126,915	6/30/1992	Pepin et al.			

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Gu	78.	5,139,891	8/18/1992	Cowie et al.			
	79.	5,147,484	9/15/1992	Chance et al.			
	80.	5,167,869	12/1/1992	Nebe et al.			
	81.	5,236,523	8/17/1993	Shibata			
	82.	5,250,229	12/1/1993	Hara et al.			
	83.	5,283,104	2/1/1994	Aoude et al.			
	84.	5,288,430	2/22/1994	Amemiya			
	85.	5,296,189	3/22/1994	Kang et al.			
	86.	5,338,330	8/16/1994	Polizzotti et al.			
	87.	5,350,727	9/1/1994	Tsurumi et al.			
Gu	88.	5,356,842	10/18/1994	Yamakawa et al.			

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GW	89.	5,358,585	10/25/94	Shibata			
	90.	5,399,432	03/21/95	Schleifstein et al.			
	91.	5,402,305	3/28/1995	Asada et al.			
	92.	5,405,707	4/1/1995	Tani et al.			
	93.	5,418,193	5/23/1995	Tani et al.			
	94.	5,420,744	5/30/1995	Asada et al.			
	95.	5,421,854	6/6/1995	Kodas et al.			
	96.	5,424,140	6/13/1995	Rabinkin			
	97.	5,429,657	7/4/1995	Glicksman et al.			
	98.	5,429,670	7/4/1995	Miyoshi			
GW	99.	5,439,502	8/95	Kodas et al.			

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Cw	100.	5,470,373	11/28/95	Edelstein et al.			
	101.	5,495,386	2/27/1996	Kulkarni			
	102.	5,505,991	4/9/1996	Schmid et al.			
	103.	5,512,379	4/30/1996	Kawasumi et al.			
	104.	5,523,006	4/6/1996	Heidelberg			
	105.	5,545,360	8/13/1996	Yang			
	106.	5,588,983	12/1/1996	Tani et al.			
	107.	5,616,165	4/1/1997	Glicksman et al.			
	108.	5,614,346	3/25/1997	Adel et al.			
	109.	5,616,165	4/1/1997	Glicksman et al.			
Cw	110.	5,623,725	4/22/1997	Disam et al.			

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						YES	NO

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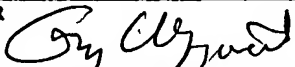
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Gu	111.	5,728,362	3/1/1998	Greuter et al.			
	112.	5,741,522	4/1/1998	Violante et al.			
	113.	5,759,939	6/2/1998	Klabunde et al.			
	114.	5,763,106	6/9/1998	Blanchard et al.			
	115.	5,770,126	6/23/98	Singh et al.			
	116.	5,852,768	12/1/1998	Jacobsen et al.			
	117.	5,853,451	12/29/1998	Ishikawa			
	118.	5,861,136	11/28/1995	Glicksman et al.			
	119.	5,882,802	3/16/1999	Ostolski			
	120.	5,928,405	7/1/1999	Ranade et al.			
Gu	121.	5,958,361	9/1/1999	Laine et al.			

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Gu	122.	5,964,918	10/1/1999	Asada et al.			
	123.	5,981,069	11/9/1999	Tani et al.			
	124.	6,007,743	12/1/1999	Asada et al.			
	125.	6,103,393	8/15/2000	Kodas et al.			
	126.	6,159,267	12/12/2000	Hampden-Smith et al.			
	127.	6,165,247	12/26/00	Kodas et al.			
	128.	6,277,169	8/21/01	Hampden-Smith et al.			
	129.	6,316,100	11/13/2001	Kodas et al.			
	130.	6,338,809	1/15/2002	Hampden-Smith et al.			
	131.	6,565,774	5/3/2002	Ohashi et al.			
	Gu	132	6,635,348	10/21/2003	Hampden-Smith et al.		

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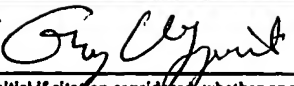
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Gw	134.	6,679,937	1/20/2004	Kodas et al.			
	135.	6,689,186	2/10/2004	Hampden-Smith et al.			
	136.	6,699,304	3/2/2004	Hampden-Smith et al.			
	137.	6,780,350	8/24/2004	Kodas et al.			
	138.	6,830,823	12/14/2004	Kodas et al.			

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	154. Champion et al., "Preparation and Characterization of Nanocrystalline Copper Powders", Scripta Materialia, Vol. 35, No. 4, pp. 517-522 (1996).
	155. Che, Shenglei et al., "Evolution of Particle Structure During the Formation of Single-Crystal Spherical Palladium Particles by Spray Pyrolysis" J. Ceram. Soc. Japan, Vol. 105, No. 4 (1997), pp. 299-303.
	156. Che, Shenglei et al. "Preparation and Formation Mechanism of Silica-Encapsulated Palladium Particles by Spray Pyrolysis," J. Ceram. Soc. Japan, Vol. 105, No. 3 (1997), pp. 269-271 [Japanese text with English Abstract].
	157. Che, Shenglei et al., "Effects of Starting Materials on the Preparation of Spherical Pd Powders by Ultrasonic Spray Pyrolysis," J. Ceram. Soc. Japan, Int. Ed. Vol. 104, (1996), pp. 39-44.
	158. Che, Shenglei et al., "Effect of Calcium Modification on the Microstructure and Oxidation Property of Submicron Spherical Palladium Powders," J. Mater. Res., Vol. 12, No. 2 (Feb. 1997), pp. 392-397.
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